

SEQUENCE LISTING

<110> Avontec GmbH
 <120> Functional correction of the -786C/T-variance of the human eNOS-gene
 <130> HEC-008 PCT
 <140> unknown
 <141> 2003-09-12
 <150> DE 102 42 319
 <151> 2002-09-12
 <160> 63
 <170> PatentIn version 3.1

 <210> 1
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 1
 agctctttccc tggccggctg ac 22

 <210> 2
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 2
 gtcagccggc caggaagag ct 22

 <210> 3
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 3
 agctctttccc tggctggctg ac 22

 <210> 4
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

<400> 4	
gtcagccagc caggaagag ct	22
<210> 5	
<211> 23	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Decoy-Oligonucleotide	
<400> 5	
cttcctggc cggctgacc tgc	23
<210> 6	
<211> 23	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Decoy-Oligonucleotide	
<400> 6	
gcagggtcag ccggccagg aag	23
<210> 7	
<211> 23	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Decoy-Oligonucleotide	
<400> 7	
cttcctggc tggctgacc tgc	23
<210> 8	
<211> 23	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Decoy-Oligonucleotide	
<400> 8	
gcagggtcag ccagccagg aag	23
<210> 9	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Decoy-Oligonucleotide	
<400> 9	
gctcttcct ggccggctg	19

<210>	10	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	10	
	cagccggcca gggaagagc	19
<210>	11	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	11	
	caagctcttc cctggccgg	19
<210>	12	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	12	
	ccggccaggg aagagcttg	19
<210>	13	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	13	
	tcttccttg ccggctgac	19
<210>	14	
<211>	19	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	14	
	gtcagccggc caggaaga	19
<210>	15	
<211>	19	

<212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 15
 ctggccggct gaccctgcc 19

<210> 16
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 16
 ggcaggggtca gccggccag 19

<210> 17
 <211> 16
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 17
 tccctggccg gctgac 16

<210> 18
 <211> 16
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 18
 gtcagccggc cagggga 16

<210> 19
 <211> 10
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 19
 ctggccggct 10

<210> 20
 <211> 10
 <212> DNA
 <213> Artificial Sequence

<220>		
<223>	Decoy-Oligonucleotide	
<400>	20	
	agccggccag	10
<210>	21	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	21	
	ctggctggct	10
<210>	22	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<400>	22	
	agccagccag	10
<210>	23	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<220>		
<221>	misc_feature	
<222>	(9)..(9)	
<223>	Y=c or t	
<400>	23	
	tccttggyg gctgac	16
<210>	24	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Decoy-Oligonucleotide	
<220>		
<221>	misc_feature	
<222>	(8)..(8)	
<223>	R=a or g	
<400>	24	
	gtcagccrgc cagga	16

<210> 25
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (6)..(6)
<223> Y=c or t

<400> 25
ctggcyggct gac

13

<210> 26
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (8)..(8)
<223> R=a or g

<400> 26
gtcagccrgc cag

13

<210> 27
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (6)..(7)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (11)..(11)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (9)..(9)
<223> Y=c or t

<400> 27
tccctbbcyg bctgac

16

<210> 28
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (6)..(6)
<223> V=g or c or a

<220>
<221> misc_feature
<222> (10)..(11)
<223> V=g or c or a

<220>
<221> misc_feature
<222> (8)..(8)
<223> R=a or g

<400> 28
gtcagvcrgv vaggga

16

<210> 29
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (5)..(6)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (10)..(10)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (8)..(8)
<223> Y= c or t

<400> 29
ccctbbcygb ctg

13

<210> 30
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (4)..(4)
<223> V=g or c or a

<220>
<221> misc_feature
<222> (8)..(9)
<223> V=g or c or a

<220>
<221> misc_feature
<222> (6)..(6)
<223> R=a or g

<400> 30
cagvcrgvva ggg

13

<210> 31
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (3)..(4)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (8)..(8)
<223> B=g or t or c

<220>
<221> misc_feature
<222> (6)..(6)
<223> Y=c or t

<400> 31
ctbbcygbct gac

13

<210> 32
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Decoy-Oligonucleotide

<220>
<221> misc_feature
<222> (6)..(6)
<223> V=g or c or a

<220>
<221> misc_feature
<222> (10)..(11)
<223> V=g or c or a

<220>
 <221> misc_feature
 <222> (8)..(8)
 <223> R=a or g

 <400> 32
 gtcagvcrgv vag

13

<210> 33
 <211> 10
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

<220>
 <221> misc_feature
 <222> (3)..(4)
 <223> B=g or t or c

<220>
 <221> misc_feature
 <222> (8)..(8)
 <223> B=g or t or c

<220>
 <221> misc_feature
 <222> (6)..(6)
 <223> Y=c or t

<400> 33
 ctbbcygbct

10

<210> 34
 <211> 10
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> V=g or c or a

<220>
 <221> misc_feature
 <222> (7)..(8)
 <223> V=g or c or a

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> R=a or g

<400> 34
 agvcrgvvag

10

<210> 35
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 35
 gagtctggcc aacacaaatc c 21

<210> 36
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 36
 gacctctagg gtcatgcagg t 21

<210> 37
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> DNA Oligonucleotide

 <400> 37
 gggtcagccg gccagggaa 19

<210> 38
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> DNA Oligonucleotide

 <400> 38
 agcttgatgc cctggtggga g 21

<210> 39
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 39
 ggaacctgtg tgaccctc 18

<210> 40
 <211> 18

<212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 40
 ccacgtcata ctcattcca 18

<210> 41
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 41
 gtactccaca ttctacttc t 21

<210> 42
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 42
 tttgggtcta ttccgttg tg 22

<210> 43
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 43
 ggacacccat cccaaatcag tc 22

<210> 44
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 44
 cacggtgaaa tactgcctgg tg 22

<210> 45
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

 <400> 45
 tcaccatctt ccaggagcg 19

 <210> 46
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 46
 ctgcttcacc accttcttga 20

 <210> 47
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 47
 gttcatccgg caccagtcag 20

 <210> 48
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 48
 acgtgcacat gagctgccta c 21

 <210> 49
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

 <400> 49
 cctgcattct gggaactgta g 21

 <210> 50
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Decoy-Oligonucleotide

<400> 50 cctgtatgcc gtgagctata g	21
<210> 51 <211> 19 <212> DNA <213> Artificial Sequence	
<220> <223> Decoy-Oligonucleotide	
<400> 51 gccggctgac cctgcctca	19
<210> 52 <211> 19 <212> DNA <213> Artificial Sequence	
<220> <223> Decoy-Oligonucleotide	
<400> 52 tcttccctag ctgactgac	19
<210> 53 <211> 16 <212> DNA <213> Artificial Sequence	
<220> <223> Decoy-Oligonucleotide	
<400> 53 tccctgaccg actcag	16
<210> 54 <211> 16 <212> DNA <213> Artificial Sequence	
<220> <223> Decoy-Oligonucleotide	
<400> 54 tccctagctg actgac	16
<210> 55 <211> 27 <212> DNA <213> Artificial Sequence	
<220> <223> Decoy-Oligonucleotide	
<400> 55 gtgcatttcc cgtaaattctt gtctaca	27

<210> 56
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 56
 ctgggaactg tagtttcct ag 22

 <210> 57
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 57
 accctgtcat tcagtgcgc ac 22

 <210> 58
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> DNA Oligonucleotide

 <400> 58
 gctcccacca gggcatcaag ct 22

 <210> 59
 <211> 16
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> DNA Oligonucleotide

 <400> 59
 ttccctggcc ggctga 16

 <210> 60
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 60
 ggatgtggct gtctgcatgg ac 22

 <210> 61
 <211> 22

<212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 61
 tgggtccacga tgggtgacttt gg 22

 <210> 62
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 62
 gaccacagtc catgccatca ctgc 24

 <210> 63
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 63
 atgaccttgc ccacagcctt gg 22